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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

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Application Number	
Filing Date	
First Named Inventor	Ingo Pinna
Art Unit	
Examiner Name	

Attorney Docket Number 975-132

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3133132	05/12/1964	Loeb et al.	
		US- 3308107	03/07/1967	Selman et al.	
		US- 3865845	02/11/1975	Resnick	
		US- 3488335	01/06/1970	Braun	
		US- 3980456	09/14/0976	Browall	
		US- 4230463	10/28/1980	Henis et al.	
		US- 4243701	01/06/1981	Riley et al.	
		US- 4399264	08/16/1983	Squire	
		US- 4431786	02/14/1984	Squire	
		US- 4486202	12/04/1984	Malon et al.	
		US- 4565855	01/21/1986	Anderson et al.	
		US- 4594399	06/10/1986	Anderson et al.	
		US- 4654055	03/31/1987	Malon et al.	
		US- 4728345	03/01/1988	Murphy	
		US- 4754009	06/28/1988	Squire	
		US- 4767422	08/30/1988	Bikson et al.	
		US- 4813983	03/21/1989	Nohmi et al.	
		US- 4880442	11/14/1989	Hayes	
		US- 4897457	01/30/1990	Nakamura et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		EP 0649676	04/26/1995	Roman et al.		

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Art Unit	
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		Number-Kind Code ² (if known)			
		US- 4897457	01/30/1990	Nakamura et al.	
		US- 4910276	03/20/1990	Nakamura et al.	
		US- 4931181	06/05/1990	Blume et al.	
		US- 4963165	10/16/1990	Blume et al.	
		US- 5021602	06/04/1991	Clement et al.	
		US- 5051114	09/24/1991	Nemser et al.	
		US- 5091216	02/25/1992	Ekiner et al.	
		US- 5117272	05/26/1992	Nomura et al.	
		US- 5131927	07/21/1992	Bikson et al.	
		US- 5141642	08/25/1992	Kusuki et al.	
		US- 5268411	12/07/1993	Yokotsuka et al.	
		US- 5288304	02/22/1994	Koros et al.	
		US- 5407466	04/18/1995	Lokhandwala et al.	
		US- 5498682	03/12/1996	Navarrini et al.	
		US- 5510406	04/23/1996	Matsuo et al.	
		US- 5710345	01/20/1998	Navarrini et al.	
		US- 5883177	03/16/1999	Colaianna et al.	
		US- 5962612	10/05/1999	Takakura et al.	
		US- 6011192	01/04/2000	Baker et al.	

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Attorney Docket Number 975-132

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Sheet

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Attorney Docket Number

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Application Number

Filing Date

First Named Inventor

Ingo Pinna

Art Unit

Examiner Name

975-132

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		F. G. RUSSELL, "Operating Permeations Systems," Hydrocarbon Processing, Vol. 62, pp. 55-56, (1983).	
		J. M. S. HENIS, "Comm. and Practical Aspects of...," in Polymeric Gas Sep Membranes, p. 474-477, 580-584, Paul and Yampol'skii (Eds.), CRC Press, Boca Raton, FL (1994).	
		V. ARCELLA et al., "A Study on a Perfluoropolymer Purification and Its Application to Membrane Formation" J. Memb. Sci. 163, pp. 203-209 (1999).	
		I. PINNAU et al., "Gas and Vapor Transport Properties of Amorphous Perfluorinated Copolymer Membranes..." J. Memb. Sci. 109, pp. 125-133 (1996).	
		A. Y. ALENTIEV et al., "High Transport Parameters and Free Volume of Perfluorodioxole Copolymers," J. Memb. Sci. 126, pp. 123-132 (1997).	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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